

Hal Abelson in 2007.

WIKIMEDIA COMMONS

Abelson petitions Reif to ‘do more’ for Tidbit’s legal battle

More than 500 people have signed an online petition calling for MIT to support student-created hack, Tidbit

By Leon Lin
NEWS EDITOR

Professor Hal Abelson PhD ’73 on Thursday circulated a petition urging MIT to take a stand on a pending court case involving Jeremy L. Rubin ’16, who was served a subpoena by New Jersey for documents, correspondence, and code associated with a Bitcoin-related project called Tidbit. The petition, which at press time had been signed by more than 500

MIT affiliates, calls the subpoena “an affront to our academic freedom” and says it has “a chilling effect on MIT teaching and research.” Tidbit is intended to allow websites to make money without ads by running bitcoin-mining code on users’ browsers. The creators of Tidbit, Rubin, Kevin C. King ’15, Oliver R. Song ’14, and Carolyn Zhang ’14, won a prize for having the most innovative project in November at the Node Knockout hackathon, where they built

a prototype. Then, in December, Rubin received letters from the New Jersey attorney general’s office asking for, among other things, a list of all websites “affected by the Bitcoin code,” copies of “all contracts and/or agreements” with customers, “[a]ll documents and correspondence concerning all breaches and/or unauthorized access to computers by you,” and

Tidbit, Page 9

Haldun Anil elected as next president of IFC Exec Board

Hopes for improved communication, a more focused Greek Week, progress on sexual assault

By Tushar Kamath
NEWS EDITOR

This year the Interfraternity Council (IFC) will be led by Haldun Anil ’15, a member of Theta Chi who will serve as the president of the newly-elected executive board. The organization, according to Anil, has hopes of “bettering communication to outside entities” and working towards a state where “we as a campus are much more connected and there is a stronger bond in [the] community.” Anil, who served as Recruitment Chair on the IFC Executive Board last year, wants “to pick up where Dorne left off,” referring to Andrew L. Dorne ’14, the previous board’s president. Anil believes that the fraternity community is much stronger than in previous years as a result of Dorne’s work. With regard to improving communication across organizations, Anil states, “I want to make sure if any fraternity has a problem, they can come to me. If it pertains to anything

that we have on campus [I hope] that I’ll be able to reach out to the right administrator and have the relationships in place to talk with them as openly as I can. That is something that has been lacking.” Not only does Anil want to improve internal communication, but he also hopes to change some of the major public-facing events put on by the IFC, including Greek Week. “Revamping Greek Week is something, historically, we wanted to do a good job with. We want to pinpoint things that fraternities want out of this event,” concludes Anil. Greek Week is an annual event sponsored by the IFC and the MIT Panhellenic Association (Panhel) in which, according to the website, “offers MIT students the opportunity to show their Greek pride while participating in a variety of both fun and competitive events.” The IFC also plans to make strides regarding sexual assault prevention and response.

IFC, Page 10

NEWS BRIEFS

MIT follows up on Swartz case

In an email sent out to MIT undergraduates, the Undergraduate Association (UA) requested student input to questions that had originally been posed in the Abelson report, “MIT and the Prosecution of Aaron Swartz,” written by Professors Hal Abelson PhD ’73 and Peter A. Diamond. President L. Rafael Reif and the Academic Council, MIT’s senior academic and administrative leaders, agreed that the report required an open discussion in the MIT community about personal ethics, MIT’s obligations to the extended community, and lessons MIT can learn from the hacker culture. Such a conversation had previously occurred with faculty members and graduate students before the UA reached out to the undergraduate community. “Because these questions bear so directly on the expertise, interests and values of the people of MIT, I believe we should explore them, respectfully debate our differences and translate our learning into constructive action,” stated Reif in the accompanying report. Despite this call for feedback, attendance was low at both the meetings for faculty and graduate stu-

dents, with only 22 faculty and 15 graduate students attending. According to the MIT News Office, faculty expressed a variety of viewpoints, ranging from suggestions for teaching students about legal boundaries on campus to recommending MIT limit data-sharing with law enforcement. Some participants at the graduate student meeting suggested MIT should have honored Swartz’s risk-taking, and others felt that students at MIT would benefit from learning about ethical/legal risks associated with computer hacking. Then-Provost Chris A. Kaiser PhD ’87 and Faculty Chair Steven R. Hall ’80 were charged with leading faculty, graduate, and undergraduate discussions. Once the undergraduate discussions are compiled, Kaiser and Hall plan to present their results to Reif. “At the conclusion of our series of forums, we expect to have a good picture of what the community would most like to see addressed going forward,” stated Hall to the News Office. To attend the forum for undergraduates, an RSVP to facultychair-reply@mit.edu by February 24th is required.

News briefs, Page 11

Gavin begins work as first Frank Stanton Chair

Prof. will facilitate collaboration among political scientists, historians, policymakers

By Peter Dunn
MIT NEWS OFFICE

Politics has been part of human culture, and the subject of scholarly inquiry, for millennia. But only 70 years have passed since the epochal arrival of nuclear weapons, and our understanding of nuclear proliferation, deterrence, and arms control, and their complex relationships with traditional political issues, is still a work in progress. The Department of Political Science and its interdisciplinary Security Studies Program (part of the Center for International Studies) have been deeply engaged with these topics since the 1970s. 2014 marks a major extension of this engagement, with the appointment of Francis J. Gavin as the first Frank Stanton

Chair in Nuclear Policy Studies, on the strength of a \$5 million endowment from the Stanton Foundation. “We’re in a renaissance of nuclear studies now, and MIT is at the center of it — a majority of the scholars whose work I most admire have come from this program,” says Gavin, who joins the Institute after 14 years at the University of Texas at Austin, where he launched and led the Robert S. Strauss Center for International Security and Law and served as the first Tom Slick Professor of International Affairs at the Lyndon B. Johnson School of Public Affairs. “The Security Studies Program brings together scientists and the engineering community; military people who have to deal with the realities of command

and control, custody, and training; and people who worry about diplomacy and the politics that surround it,” Gavin says. “It’s a truly interdisciplinary environment, and it makes me feel like a student all over again.” Gavin earned PhD and master’s degrees from the University of Pennsylvania, a master’s degree from Oxford, and a bachelor’s degree from the University of Chicago, and he has held numerous fellowships, including posts at Harvard’s Kennedy School of Government and Center for International Affairs and a senior research fellowship at the Nobel Institute in Norway. He began work at MIT in January, and he is planning to teach graduate and undergraduate classes on nuclear politics and history and on international security

and U.S. foreign policy. He is also eager to encourage and facilitate “research that has true policy relevance — on front-page issues like Iran and North Korea,” he says. “Our scholarship can help policymakers create better policies.” To this end, he hopes to connect MIT with the Strauss Center’s Nuclear Studies Research Initiative, which fosters collaboration among historians, political scientists, and policymakers. The new chair honors distinguished CBS executive Frank Stanton, who was introduced to nuclear issues while serving on a presidential panel in 1954. Stanton’s assignment was to develop a plan for maintaining national and international communica-

Nuclear, Page 11

Q.E.D. TACKLES VALENTINE’S DAY

What is the perfect gift for the scientist in your life? How about an economist? **FUN, p. 7**

THE TECH SIDE OF CREATIVITY

Conference presents creativity research. **ARTS, p. 5**
ARCADIA INTERVIEWS
A look behind the scenes. **ARTS p. 5**



LITTLE SHOP

MIT Musical Theater Guild presented the show based on the movie *Little Shop of Horrors*, all prepared over IAP this year. **ARTS, p. 6**

CHECK OUT TECHDOKU

We won’t tell anyone you spent Valentine’s day doing number puzzles. **FUN, p. 8**

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CONFERENCE RECAP

The art and tech sides of creativity

Students present at A2RU conference on creative thinking

By Grace Young
STAFF WRITER

If you’ve never Googled “arts at MIT,” I guarantee you’ll be shocked at the vast array of arts activities, exhibits and events going on every week on campus, from alumni-produced films and student performances to professional shows by one of our many visiting artists. Yet I’ve lost track how many times I’ve been asked “MIT has arts?” Art, science, and engineering just don’t typically connect in people’s minds. Partners of the Alliance for the Arts in Research Universities (A2RU), including MIT, think that’s a problem.

A2RU is a group of universities that — to put it frankly — aren’t viewed-as “artsy.” It includes MIT, Stanford, Virginia Tech, University of Michigan, and twenty-five others. Founded in 2011, the Alliance addresses the concern that universities are suffering from “a kind of mass amnesia for the heuristic power of art-making, and for the many functional similarities between art-making and scientific modes of inquiry,” according to AR2U’s founding proposal. A2RU was created to “fuel an investigation of the unique qualities of art-making

as a mode of discovery and learning in post-secondary education,” i.e., to facilitate discussion among universities on the arts and creative thinking.

This January, the Alliance ran its first student conference, entitled “Emerging Creatives,” at Stanford University. The conference aimed to connect students from across disciplines and stress the values of creative thinking and collaboration. Leila Kinney and Sam Magee from the MIT Center for Art, Science, and Technology (CAST) gave the closing address at the conference, while students Sheng-Ying Pao G, Bruno Tambasco ’15, and I shared projects.

Kinney and Magee’s address, titled “Infinite Connections: Art, Science, and Technology,” discussed how MIT integrates arts on campus, from artist-researcher collaborations to student hacks, to the recent \$10K Creative Arts Competition added to the \$100K Launch Contest.

“The A2RU Emerging Creatives Conference gave us a unique opportunity to share our ideas and projects originating from MIT with researchers, artists, students, and conference organizers beyond the MIT community,” said Pao, who spoke about her research in the Media Lab. “It was also

a fantastic experience to connect and collaborate with creative heads from different fields under the California sunshine.”

“Going to an arts conference and interacting with people so different from MIT students has helped me see the world through a new perspective. It was a great, unforgettable experience,” said Tambasco. He spoke about “Hacking Arts,” an arts-themed hackathon he helped organize last fall, at the closing address.

I presented on a project using a Kinect to monitor ballet dancer’s movements to improve training efficiency and reduce injury. Over the past few years I’ve become familiar with science and technology conferences. Attending the A2RU Emerging Creatives Student Conference was an entirely different and refreshing experience.

There was much discussion on the neuroscience of creativity, different design processes, and the implications of collaboration. During a panel discussion, Srinija Srinivasan, Co-Founder of The Looove and former executive at Yahoo!, advised us to “align yourself with people who don’t need credit” in order for successful collaboration. Another panel speaker, Ivica Ico from Virginia Tech, continued, “You have to re-

linquish your ego and allow yourself to be part of the process.”

Various guest speakers and attendees stressed the importance of collaboration and creativity in any type of work, whether it’s pure art, science, or cross-disciplinary. I realized scientists and engineers in particular face serious stigmas against collaboration. The problem is that people often envision engineers as Iron Man-like figures, i.e., geniuses working in isolation. The reality is, however, that the best results require teamwork, and — as A2RU stressed — it is researchers’ responsibility to go out of their way, even out of their comfort zone, to collaborate. Many A2RU speakers emphasized this point. For example, they systematically dismantled several “myths” about collaboration, such as those suggesting it takes longer, is only useful for large products, and is only suited for extroverts.

Overall, the most valuable part of this conference was not only the new ideas, but also the new people we met. We met dozens of other art-science-engineering students from other A2RU partner universities, all of whom were eager to take up the challenge of collaboration.

INTERVIEW

Inside Arcadia

Cast members discuss performing in *Arcadia* and acting at MIT

By Chennah Heroor
ARTS EDITOR

Dramashop’s production of *Arcadia* continues this week, with performances from Thursday through Saturday at 8 p.m. in Little Kresge Theater. The play draws parallels between two eras of residents at Sidley Park in England their rumination on science and love. While the play asks serious questions about determinism and love, there are also plenty of laughs. *The Tech* interviewed cast members Keenan A. Sunderwirth ’14 and Garrett W. Schulte ’17.

The Tech: What was the audition process like?

KS: For our audition, everyone walked into a room. There were about 20 people, and everyone read from the scenes. Everyone read the parts together, but usually we read them individually. I got a private callback the next day, and the director [Kim Mancuso] told me “I want to hear you read again for Thomasina and Hannah.” I really liked both characters, but I felt an affinity for Thomasina. But Hannah gets to say “No, I’m going to kick you in the balls,” which is the best line in the play.

TT: Did you know what part you wanted to play?

KS: I hadn’t read the play before the audition, but I heard from friends that it was incredible. I

liked both characters [Thomasina and Hannah], but as I said, I thought Thomasina was really cool and I had an affinity for her.

GS: Before the audition I read the SparkNotes to get a general overview of the relationships. I read for both Valentine and Septimus. Valentine was fun, and Septimus reminded me of characters I had played before. He is really witty and I liked the back-and-forth he has with other characters. So I put down Septimus on my preference sheet.

TT: So the play contained some interesting, contradictory ideas about love and sex and science. Do you think love and science are mutually exclusive for Thomasina?

KS: Not at all. Thomasina goes in believing that love is a distraction, but she doesn’t end up feeling that way. Rather, she finds that love is not so different from passion for learning and discovery. Both are inspiring and positive.

TT: Do you have any advice or suggestions for someone coming to see the play for the first time?

GS: Honestly, there are two fields of thought. Some of the cast didn’t tell anyone anything, and they were mostly able to follow.

KS: *Arcadia* is such a dense play. You get more out of it if you see it again.

GS: I told my parents about the

main plot and consistency. They got most of the play, but they said they wanted to see it again.

TT: How did you guys develop your comic timing?

KS: One thing that was interesting is that we didn’t really spend time looking for it

GS: The reason why it’s funny is because it’s real people and

real situations. Sometimes when I leave the stage, I’m surprised because the audience found something funny and I didn’t expect it.

KS: We find the serious bits and the funny bits and make them as real as we can. When you commit they laugh, when they’re supposed to and when they’re

not supposed to. The audience is smarter than you.

TT: Anything else?

KS: This is my favorite modern play. It’s so dense and beautifully crafted. The characters are funny and smart and realized in a way that is original for an idea play. I think everyone’s life will be better if they see this play!



ERIC LEVENSON

Garrett Schulte ’17 (Septimus Hodge) and Keenan Sunderwirth ’14 (Thomasina Coverly) in MIT Dramashop’s production of *Arcadia*.

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MTG engages audiences with *Little Shop of Horrors*



EURAH KO

By Tara Lee

What could be more innocent than a musical that takes place in a flower shop? Well, a flesh-eating Venus flytrap, a psychotic dentist, and a name like "Little Shop of Horrors" certainly rules out any hope for a light-hearted show. The musical, based on the film by Roger Corman, follows a florist named Seymour, who tries to revive his flower shop by raising a Venus flytrap that lives off human blood.

Presented by the MIT Musical Theater Guild (MTG) and directed by Greg Lohman '07, the IAP production of *Little Shop of Horrors* was another wonderful reminder of the artistic talent of the Institute's students. All of the work on the show happened

during the four weeks of IAP, culminating in six performances during the first week of February. Starring David Wright (as Seymour) and Noelle A. Colant '17 (as Audrey), the small eight-person cast pulled off an engaging, darkly comedic performance.

Highlights included the songs “Skid Row” (by the Company), “Mushnik and Son,” and “Now (It’s Just The Gas),” along with spectacular acting performances by Wright, Colant, Jonathan Sue-Ho ’13 (as Mr. Mushnik), Hubert Hwang ’07 (as Orin). The trio of doo-wop singers, Varsha J. Raghavan ’14, Marian J. Heman-Ackah ’16, and Mackenzie E. Devoe ’15, sang with an impressive harmony — a feat that only achieved by hours of practice.

When asked what the most chal-

lenging component of the musical was, producer Sami Lewis '15 explained that making the Venus flytraps required intensive planning by their designers, Karen A. Hart '14, and Kathryn E. Shroyer '09. "All of the plants took many hours to build, even with everyone lending a hand. They are the show's main technical challenge, but MTG members enjoy the opportunity to combine their creative and engineering skills."

All in all, I highly recommend watching an MTG performance in the future. The guild performs four times a year (spring, summer, fall and IAP), and it is starting to put together its spring show, *Sweeney Todd*. It will be another dark musical, but I look forward to seeing the production in a few months.

MOVIE REVIEW

A film even more clichéd than its title

By Rachel Katz
STAFF WRITER

Is there anything more overdone than a wealthy, overachieving, pretty girl falling for the charming boy from the wrong side of the tracks? *Endless Love* follows Ivy-League-bound Jade's predictable escape from the grips of her overprotective father and into the arms of bad boy David the summer after she graduates from high school.

Both protagonists are shallow characters. They have the archetypal broken pasts; Jade's brother passed away from an unspecified cancer two years ago, resulting in her father's overbearing nature, and David has a record of delinquency. At every turn, Jade's father acts selfishly and unreasonably, flattening his character into nothing but the stereotypical Father who thinks he knows best.

Even the romance is underdeveloped. One moment David and Jade are just people who see each other at school, and the next he's winning her heart by convincing people to come to her graduation party, and a few minutes of screen time later, they're in love. As you can probably guess, their whirlwind romance helps Jade loosen up and David focus his sights on previously unthinkable goals. The conflict in their story

★★★★★

Endless Love

Directed by Shana Feste

Starring Alex Pettyfer and Gabriella Wilde

Now Playing

comes from Jade's father's continual objection to her spending time with David and the occasional intervention of David's jealous ex-fling.

This type of story, while tired, can be entertaining. When John Hughes did it in the classic 1980s teen movie *Say Anything*, it was witty and fun, because the characters were developed past the shells of their stereotypes and frequently engaged in intelligent dialogue. It's hard to determine if *Endless Love* even attempted to layer cleverness into the cliché. The pacing was lightning fast, and the format was a summer love montage broken by the occasional, easily foreseeable plot "twists." I quite literally rolled my eyes at the dialogue on at least four separate occasions. I kid you not, there was a dramatic



QUANTRELL D. COLBERT

Gabriella Wilde as Jade and **Alex Pettyfer as David** in the new romantic drama *Endless Love*.

pause and close up of David and Jade's faces before the words "say something" fell from the female protagonist's lips.

When it comes down to it, the movie was marketed as a Valentine's Day film, and it functions as just that. With a pleasing

soundtrack of pop-indie songs and a cutesy plot line that requires next to no attention, *Endless Love* is the perfect movie to go to with a date if you plan to sit in the back of the theater and not do much watching. Otherwise, I'd say skip it.

The MIT logo, featuring a stylized building above the letters "MIT". The letters "CPW" are written in a large, bold, black, handwritten-style font over the "MIT" text.

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Solution, page 11

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Instructions: Fill in the grid so that each column, row, and 3 by 3 grid contains exactly one of each of the digits 1 through 9.

Solution, page 11

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Instructions: Fill in the grid so that each column and row contains exactly one of each of the numbers 1–6. Follow the mathematical operations for each box.

Solution, page 11

ACROSS

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- 4 Stubborn ones
- 9 Tourney rounds
- 14 Courteney of Friends
- 15 Island near Venezuela
- 16 Wipe clean
- 17 Emulating rail riders
- 20 __ Diary (Twain book)
- 21 Naval clerks
- 22 The Heat actress McCarthy
- 26 Turn bad
- 27 One of Pooh's pals
- 30 Hosp. facilities
- 31 Wood fastener
- 33 Committed a hoops infraction
- 35 Big name in water scooters
- 37 Moral misdeeds
- 38 Fluttering
- 42 Bistro name starter
- 43 Designated
- 44 Check cashers
- 47 Skillful
- 48 __ INSIDE (store sign)
- 51 Leather tool
- 52 PD notice
- 54 More stylish
- 56 Debate topics
- 59 Arches National Park locale
- 60 Providing road service,
perhaps
- 65 Shaq's surname
- 66 Light on one's feet
- 67 Homer's neighbor

- 68 On edge
69 Tennis pro Petrova
70 JFK predecessor
- DOWN**
- 1 Conspiracy
2 Electrolux rival
3 Kicks out
4 __ tai
5 Big brewer
6 Tow with difficulty
7 PayPal owner
8 Less perilous
9 Appear that way
10 Niagara River feeder
11 Mississippi's state flower
12 It means "sort of"
13 Ready to go
18 Tire-pressure no.
19 Car top
23 Process portion
24 Break off
25 42 Down work
28 Didn't stay
29 Mormons, in brief
32 In good shape
34 Did something with
35 Shoe salesperson's question
36 Folklore fiends
38 Pygmalion writer
39 Pie fruit
40 Radio switch
41 Software prototype
42 Tax pro

DOWN

- 1 Conspiracy
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- 42 Tax pro

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|-----------------------------|-----------------------------|
| 45 With little effort | 57 Minor run-in |
| 46 Created, as cotton candy | 58 Extensive tale |
| 48 Show up to | 60 Scribble (down) |
| 49 Got misty | 61 French article |
| 50 Literary alter ego | 62 Job estimate |
| 53 Got going | 63 Boxing great |
| 55 Same old thing | 64 Word before caddy or bag |

New Jersey subpoenas Tidbit

MIT's Office of the General Counsel referred Jeremy Rubin, subpoena recipient and student, to the EFF

Tidbit, from Page 1

"[a]ll codes, source codes, control logs, and installation logs concerning the Bitcoin code."

New Jersey later said they were investigating whether Tidbit had violated the New Jersey Consumer Fraud Act.

When Rubin approached MIT's lawyers after receiving the subpoena, they said they could not represent Rubin in court, but one of them advised Rubin to seek help from the Electronic Frontier Foundation, which advocates for digital rights. EFF agreed to help Rubin *pro bono*, and they have moved to quash the subpoena.

But Abelson, a computer science professor and a founding director of Creative Commons, said that MIT should do more and contact both the New Jersey judge and the New Jersey attorney general.

MIT's response was "Hey, I know a good lawyer," Abelson told *The Tech*. "MIT should have said, 'Hey, this is MIT business because it is harmful to the institution.'"

Part of MIT's mission, "training young people to imagine, create, and disseminate projects that expand the possibilities of technology," the petition said, is "under serious risk." MIT's administration "is not working to mitigate that risk."

Provost Martin A. Schmidt PhD '88 said that the petition was "a little out of the blue." Schmidt and Chancellor Cynthia Barnhart PhD '88 both cited the way MIT helped Rubin find free legal help at the EFF as an example of how MIT had Rubin's "best interest" in mind.

"MIT stands ready to support these students in their defense against the legal actions against

them," a statement from MIT on Thursday read. "We are eager to work with them and their counsel in a vigorous defense of this matter."

For Abelson, it's a bigger question than whether MIT supports these students. He said that MIT should take action as an institution to protect not only these students, but also the academic freedom he said is necessary to allow future innovators to thrive.

"New Jersey's subpoena challenges our ability to share our work," the petition reads. "If Rubin and his fellow MIT undergraduates experience serious legal consequences for describing their ideas in public, and if MIT declines to support them, how can we ever responsibly continue to advise our students to disseminate their work in public? Furthermore, since Tidbit is an innovation that could have been produced by faculty or graduate students in the course of our own research, we consider this subpoena to have a chilling effect on our own work."

The petition is addressed to President L. Rafael Reif. According to a note from Abelson, the Media Lab's Ethan Zuckerman, and Nathan J. Matias G, they plan to send the petition to Reif next Monday.

The Student Information Processing Board (SIPB) also plans to write a letter to Reif urging MIT to support Rubin and his hackathon teammates, according to SIPB's chair, Justin M. Dove G. The student group also plans to provide an example letter to undergraduates and encourage them to send their own letters to Reif.

Last year, Abelson led an investigation, commissioned by Reif, into MIT's involvement in the pros-

ecution of Internet activist Aaron Swartz. The report that came out of that investigation concluded with several questions, including "Should an MIT education address the personal ethics and legal obligations of technology empowerment?" and "What are MIT's obligations to members of our extended community?" The report also asked what MIT should do, internally and in the public sphere, to support "hacker culture" and technical innovation.

But Abelson said there is "a big difference" between the Swartz case and the subpoena served to Rubin and Tidbit. "These students did nothing wrong. Not a thing. For whatever Aaron's intentions were, what these students did was not even mischievous."

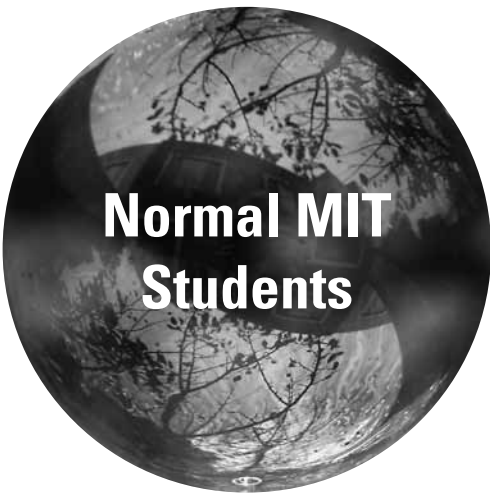
Rubin's lawyer at EFF, Hanni Fakhoury, has said that the hackathon project was only a proof of concept and that Tidbit did not even have the ability to mine bitcoins yet.

Fakhoury also argued that New Jersey has no jurisdiction over Tidbit and asked that Rubin be granted immunity from prosecution should the subpoena stand, citing constitutional protections against self-incrimination.

In response, the New Jersey acting attorney general wrote that New Jersey was "authorized to investigate whether any person, whether located in New Jersey or elsewhere, has engaged in, is engaging in or is about to engage in any unlawful practice in violation of the [New Jersey Consumer Fraud Act] that affects New Jersey consumers."

A court hearing is expected soon, but the date is still unknown, according to Fakhoury.

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Anil to lead the IFC

The new IFC exec will continue to tackle FSILG assembly issues

IFC, from Page 1

After President L. Rafael Reif’s email and letter in *The Tech*, Anil claims that the IFC hopes to respond by making significant progress. “We are currently working with a number of groups around campus including VPR [Violence Prevention and Response] and SAFER² [Students Advocating for Education on Respectful Relationships]. I can’t tell you specifically what our reaction will be yet, but you should expect to see some major news within my term,” says Anil.

Haldun maintains that the IFC will continue to work with the Fraternity, Sorority, and Independent Living Group (FSILG) Office and Association of Independent Living Groups (AILG) on the assembly licensing issues facing the Boston fraternities this past semester. Anil could not mention specifics on the

update of the situation but claimed, “We are following and representing the concerns to the board and hope that it will be resolved soon.”

Anil concluded that the IFC would be making noticeable changes in the coming year. “Because of our size and enthusiasm, we are capable of achieving a number of these programming changes” says Anil.

The other members of the IFC board are as follows:

Vice President: Samuel S. Oppenheim ’16, Zeta Psi

Judicial Committee Chair: Ryan M. Lau ’15, Phi Sigma Kappa

Recruitment Chair: Richard E. Chew ’16, Kappa Sigma

Public Relations and Programming Chair: Kale T. Rogers ’16, Delta Upsilon

Risk Manager: Shenghao D. Wang ’16, Zeta Beta Tau

Executive Assistant and Treasurer: Obasi J. Onuoha ’17, Zeta Psi

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News briefs, from Page 1

Harvard undergraduate passes away in car crash

On her way back from a Mock Trial tournament in Virginia, Angela R. Mathew, an undergraduate student attending Harvard, died in a car crash on the morning of February 10. Mathew was a neurobiology concentrator at Harvard who was competing as a member of the Harvard Mock Trial Association. On their trip back, Mathew and six members of the team were inside a van in New Jersey when the accident occurred, according to Boston.com. KRQE News reported that Mathew herself was thrown out of the van when the crash occurred, and three other students in the van were hurt, but did not suffer serious injuries.

“As the girls she inspired grow up, Angela’s spirit will live on in a new generation of women in the sciences,” stated Co-Master of Leverett House Howard M. Georgi, in a vigil service for Mathews, according to The Crimson. More than 200 members of Harvard joined Georgi on Wednesday nights to remember Mathews and Stephen Rose, a graduate student who jumped to his death on February 6.

Mathews was a member of Leverett House, a Harvard dormitory, and hailed from Albuquerque, N.M. Along with being an executive member of the Harvard Mock Trial Association, Mathews was also the president of the Harvard science club for girls. “She would want us to smile,” Kaleigh N. Henry, a Harvard undergraduate, said in memory of Mathew at Harvard’s vigil.

—Patricia Dominguez and Tushar Kamath

New Frank Stanton
Chair for Course 17
First historian elected to position

Nuclear, from Page 1

tions following a nuclear attack. “The Stanton Foundation has provided incredible opportunities to develop better understanding of nuclear dangers, not just for me but for senior scholars at other universities, and for younger scholars with their fellowships,” Gavin says. The appointment of Gavin is somewhat unconventional, as he is a historian by training rather than a political scientist. “I don’t know that there’s another political science department in the country that would do that; it shows why MIT is such an extraordinary place,” says Gavin, whose recently published “Nuclear Statecraft: History and Strategy in America’s Atomic Age” draws on years of research into declassified archival documents to challenge conventional assumptions about how U.S. nuclear policy was developed.

“There was a sense among many of the great thinkers that the larger issues of nuclear dynamics were resolved 40 years ago,” says Gavin, “but they weren’t, and still aren’t,

and probably won’t be. Wrestling with complex technical issues is often a challenge in the policy world and in a democracy, whether it’s the National Security Agency, cyber warfare, or nuclear technology. It’s important to understand the technology, but also to understand that everything is done in a political context, and frankly, it’s the political context that matters more — politics always trumps technology.” With this in mind, Gavin says he hopes to expose students and researchers to the historian’s thought process and methods, including quantitative and formal tools. “I’m convinced that to understand international politics, you have to understand history and think historically,” he says. “What’s so gratifying is that everyone in the department seems to agree, and that’s rare. It’s a big part of why this is my dream job — having the smartest colleagues and the best grad students, working in a friendly, collaborative organizational culture, and living in an area that’s a Hollywood for intellectual life.”

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Solution to Crossword
from page 8

S	H	E		M	U	L	E	S		S	E	M	I	S					
C	O	X		A	R	U	B	A		E	R	A	S	E					
H	O	P	P	I	N	G	A	F	R	E	I	G	H	T					
E	V	E	S				Y	E	O	M	E	N							
M	E	L	I	S	S	A		R	O	T		O	W	L					
E	R	S		T	N	U	T		F	O	U	L	E	D					
				S	E	A	D	O			S	I	N	S					
				S	K	I	P	P	I	N	G	A	B	E	A	T			
				C	H	E	Z		T	E	R	M	E	D					
				P	A	Y	E	E	S		D	E	F	T		A	T	M	
				A	W	L		A	P	B		S	M	A	R	T	E	R	
								I	S	S	U	E	S			U	T	A	H
				J	U	M	P	I	N	G	A	B	A	T	T	E	R	Y	
				O	N	E	A	L		A	G	I	L	E		N	E	D	
				T	E	S	T	Y		N	A	D	I	A		D	D	E	

Solution to Sudoku
from page 8

1	9	5	3	4	7	2	6	8
7	8	3	2	9	6	1	5	4
4	6	2	5	8	1	7	9	3
8	1	4	6	2	9	3	7	5
2	3	9	7	5	4	8	1	6
6	5	7	8	1	3	4	2	9
3	4	1	9	7	5	6	8	2
9	2	6	1	3	8	5	4	7
5	7	8	4	6	2	9	3	1

Solution to Techdoku
from page 8

4	2	6	5	3	1
3	1	5	4	2	6
1	5	3	2	6	4
5	3	1	6	4	2
6	4	2	1	5	3
2	6	4	3	1	5

GUEST PERFORMANCE BY ASIAN DANCE TEAM

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UPCOMING HOME EVENTS

Saturday, February 15

Rifle vs. SUNY Maritime	9 a.m., DuPont Athletic Center
Rifle vs. Wentworth	9 a.m., DuPont Athletic Center
Women's Basketball vs. Clark University	2 p.m., Rockwell Cage

Sunday, February 16

Rifle vs. Wentworth	9 a.m., DuPont Athletic Center
Rifle vs. SUNY Maritime	9 a.m., DuPont Athletic Center

MIT women's basketball team works with Athletes Unlimited

Athletes Unlimited is a Massachusetts therapeutic recreation program for people who have disabilities

By Mindy Brauer
DAPER STAFF

It was not a typical Wednesday night for the MIT women's basketball team, who participated in an event complete with dance parties on the sidelines with opposing players. The team took advantage of its

bye from NEWMAC action to train with the Pointsetters of Athletes Unlimited in neighboring Newton. Based on a model similar to Special Olympics, Athletes Unlimited is one of the largest community-based therapeutic recreation programs for people with disabilities in Massachusetts. Serving over 250 local athletes, a variety of year-round programs provide something for everyone, including track, tennis, Zumba, and yoga. A very spirited and competitive group, the Pointsetters practice every Wednesday and play in a tournament at the end of the season. On this occasion, the squad was

a little shorthanded, so the Engineers were able to jump in and assist with a variety of drills before playing a game. "We had a blast from the minute we walked in to the minute we left," said MIT captain Mari R. Kordell '15. "We were just as excited to be there as the Pointsetters were to have us. They were so enthusiastic and it puts into perspective that basketball isn't always about win-loss records and final scores."

The evening was also a personal one for MIT head coach Sonia Raman, as her brother, Nitin, is a member of the Pointsetters. "It was incredible having Nitin's team and my MIT team all on the court together as one big family," reflected Raman. "We are so fortunate to be in a position to give back, and doing so within the context of a sport we all love makes it a fun experience." Mark Kelly, the Director of Special Needs for the Newton Parks and Recreation Department, thanked Raman and the women's basketball team for volunteering

with the Pointsetters. "Our athletes look forward to seeing the MIT players each year. We know these student-athletes have rigorous schedules both on and off the court and we are thankful they can find time to come volunteer with our athletes."

The evening was important to MIT's head coach, whose brother, Nitin, was a participant.

"It's great that there are programs like this for the athletes to play in," commented Kordell. "I think once anyone volunteers, they'll definitely want to come back and help again. We all wished we could have stayed longer and can't wait to come back." If you would like to learn more about the program or volunteer please contact Mark Kelly at mkelly@newtonma.gov.



SHERRY REN

Joseph F. Rafidi '14 scores a touch on his opponent from UNC at Duke University Invitational this past Saturday. MIT fencing team competed on Feb. 8 and Feb. 9 at Duke University Invitational. The men's team defeated the U.S. Air Force Academy.



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Program Summary: MIT undergraduate students conduct scientific and engineering research at Army Science and Technology Centers under the direction of Army Scientists, from June to August. The Army host and the student determine the exact starting and finishing dates. Most areas of science and engineering are of interest. The Army Lab host determines the project content and subject matter. Projects can be basic or applied research, or both and do not need to be related to the ISN mission or to nanotechnology

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<https://isn.mit.edu/internship/index.php>

If you have questions about this program or experience difficulty using the website, please contact Marlisha McDaniels, via email: mmcd@mit.edu or at the ISN Headquarters, NE47-4thFl. 617.324.4700.

The ISN The mission of the MIT Institute for Soldier Nanotechnologies is to help the Army dramatically enhance Soldier protection and survivability through basic research on nanotechnology and in collaboration with Army and industry partners to transition promising results of that basic research into practical capabilities.

***The Army Lab provides the intern's salary, which typically ranges from \$2280/month to \$2864/month depending on class year. Under certain circumstances the ISN can provide the intern with a supplement of up to \$1500 to defray costs of local accommodations and travel.**

MIT loses 64-52 to WPI



SARAH LIU—THE TECH

Ryan L. Frankel '16 drives the ball to the basket in a game against Worcester Polytechnic Institute on Wednesday. MIT lost 64-52.

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